

TRAVELING DEVICE IN MOVING SHELF

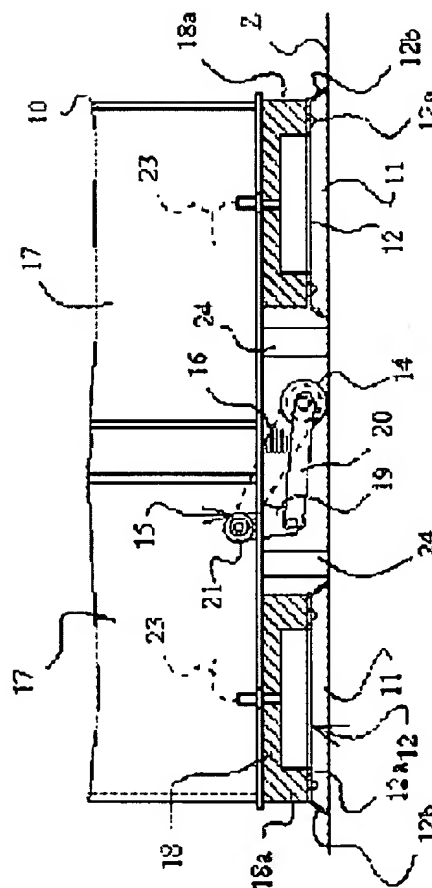
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Abstract of JP2002265017

PROBLEM TO BE SOLVED: To provide a traveling device in a moving shelf capable of minimizing an increase in a construction cost of a building for installing the moving shelf, and capable of reducing required strength to the moving shelf itself.

SOLUTION: This traveling device is characterized by being composed of an annular skirt member 12 arranged in a lower part of the moving shelf 10, elastically contacted with a floor surface Z for installing the moving shelf, and forming a pressurizing chamber 11 between the floor surface and an under surface of the moving shelf, a compressor for floating the moving shelf by sending compressed air into the pressurizing chamber, a driving wheel 14 arranged under the moving shelf, contacted with the floor surface, and moving the moving shelf, a driving mechanism 15 for rotatably driving the driving wheel, and a pressing mechanism 16 for elastically contacting the driving wheel with the floor surface.



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